

ABSTRACT

The invention includes a telephone using the PSTN, a control module, an ADSL module, and an access and display unit. Using the above, conventional telephone lines are employed for providing a video 5 telephone capable of bi-directional video and audio transmissions. The video telephone is connected with the PSTN, and under circumstances that a receiving party and a calling party are simultaneously using the video telephone, when a receiving party user dials telephone number of the receiving party where by the control module unit is activated to send 10 a signal. Via the PSTN lines, an Internet protocol A or B obtained by the ADSL modules unit is sent to the control module unit of the receiving party or the calling party. The two parties are connected using the IPs sent through the PSTN, and a high frequency band of the ADSL is utilized for transmitting video information.

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